INSTRUCTION MANUAL

DIGITAL BULLET CAMERA

B362DIR

About manual

Before installing and using the camera, please read this manual carefully.
Be sure to keep it handy for future reference.

PRECAUTIONS

■ Do not open or modify.
Do not open the case except during maintenance and installation, as it may be dangerous and cause damages.
■ Do not put objects inside the unit.
Make sure that no metal objects or flammable substances get inside the camera. It could cause fire, short-circuits, or damages.
■ Be careful when handling the unit.
To prevent damage, do not drop the camera or subject it to strong shock or vibration.
■ Install away from electric or magnetic fields.
■ Protect from humidity and dust.
■ Protect from high temperature.
Be careful when installing close to the ceiling, in a kitchen, or in a boiler room, as the temperature may rise to high levels.
■ Cleaning:
Dirt can be removed from the case only by wiping it with a soft cloth moistened with a soft detergent solution.
■ Mounting Surface:
The material of the mounting surface must be strong enough to support the camera.

TROUBLESHOOTING

Before sending the camera out for repair, check the items below.
If the problem persists after the items have been checked, contact your service center.

■ If no image appears

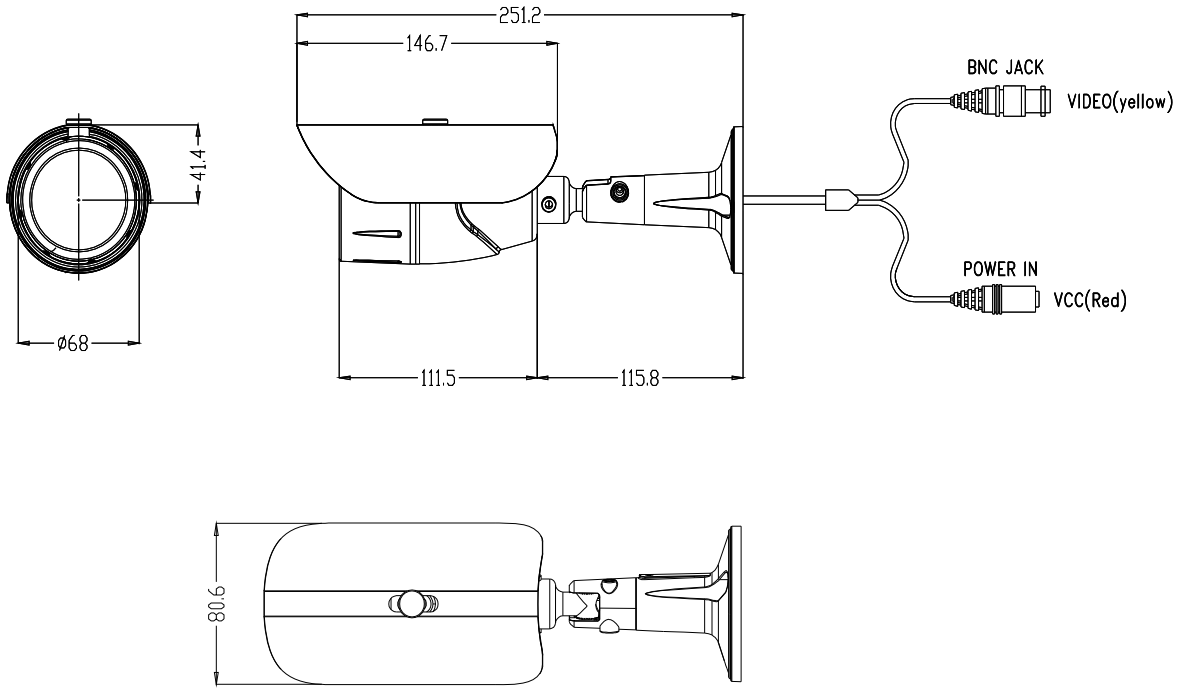
Is the coaxial cable attached securely?
Are the power and voltage normal?
Has the iris of the lens inside the camera been adjusted correctly (with the level volume)?
Is there adequate illumination?

■ If the image is unclear

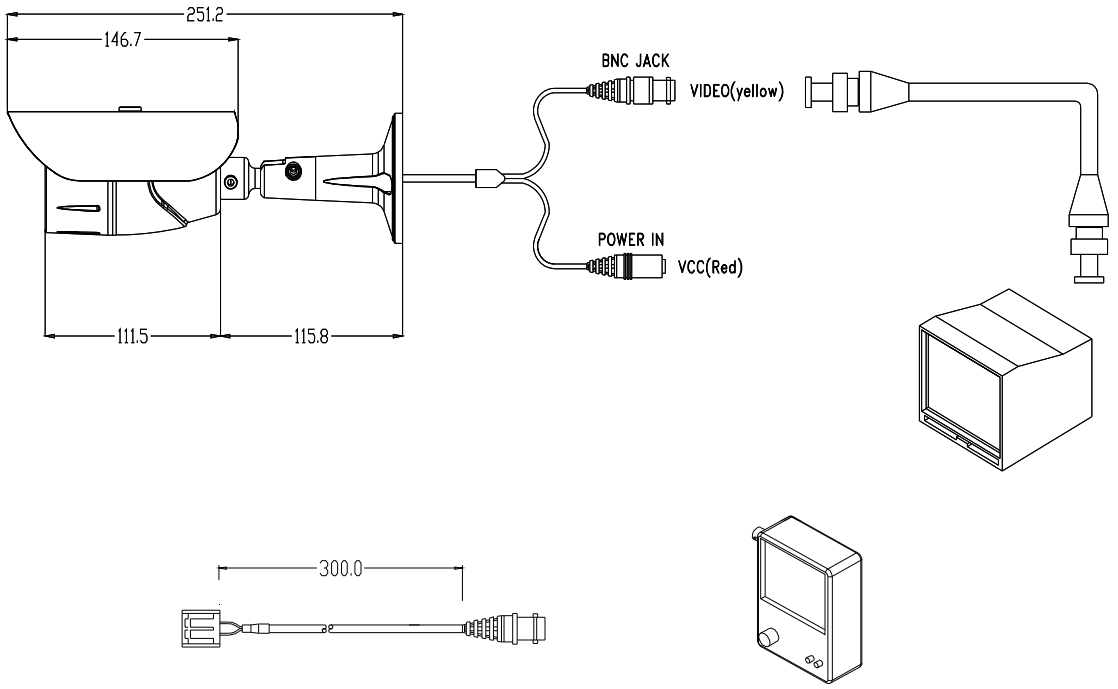
Is the lens in focus?
Is the lens dirty?
Dirt or fingerprints on the lens can adversely affect the images. Gently wipe any dirt or fingerprints off the lens with cleaning fluid (commercially available) and a soft cloth or lens cleaning paper.
Is the monitor adjusted correctly?

WARNING:
TO PREVENT THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE
THIS APPLIANCE TO RAIN OR MOISTURE.

DIMENSION (mm)

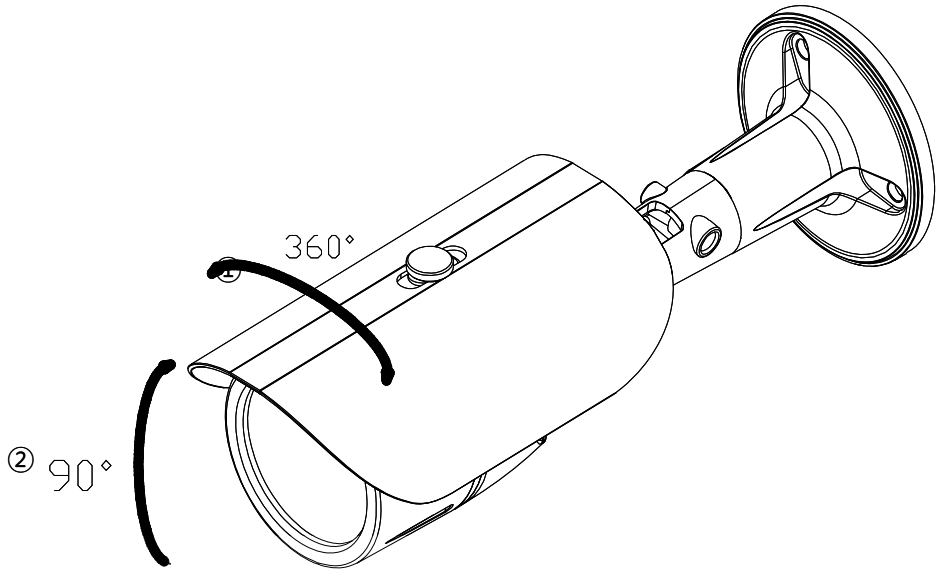


CONNECTION



CAUTION :
Check for polarity when using a DC 12V & AC 24V power supply.

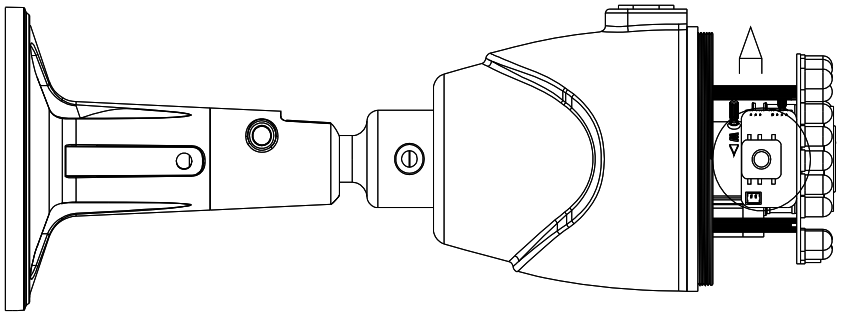
CAMERA SETTING ANGLE

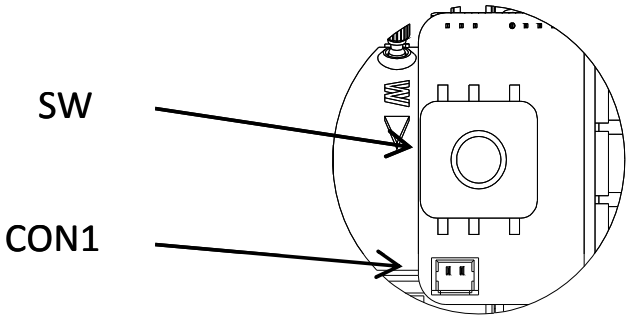


※ ATTENTION

1. Do not rotate ① more than 360˚.
2. Do not unnecessarily twist ② too many times.

EXTERNAL CONTROL BOARD





FUNCTIONAL OF CONTROL BOARD

[1] SW: Functional control of OSD (On Screen Display)

[2] CON1: Second Video Output Connector

OSD MENU SETTINGS

EXPOSURE Setup	
LENS	DC / MANUAL
SHUTTER	1/160, 1/100, FLC, 1/250 ~ 100000
BLC	OFF / ON BLC (Back Light Compensation)
AGC	OFF ~ 36dB
COLOR Setup	
WB MODE	AWC / ATW / PUSH LOCK / MANUAL (AWC is recommende
R-Y GAIN	0 ~ 255
B-Y GAIN	0 ~ 255
DAY & NIGHT Setup	
Day & Night Mode	AUTO / COLOR / BW
FUNCTION Setup	
MIRROR	OFF / ON
SHARPNESS	0 ~ 49
GAMMA	0.05 ~ 1.00 / USER
SLC	OFF / ON SLC (Side Light Compensation)
HME	OFF / ON HME (Highlight Masking Exposure)
DRC	OFF / ON DRC (Dynamic Range Compressor)

MOTION Setup	
MOTION	OFF / ON
	SET WINDOW
	ALL SET (Set the Entire Screen)
	ALL CLEAR (Clear the Entire Screen)
	SENSITIVITY (0 ~ 55)
	SHOW INDICATOR (OFF / Icon / TRACE)
	DELAY OUT (1 ~ 15)
	Motion Alarm Zoom-In Delay
PRIVACY Setup	
MASK 1	OFF / ON SET WINDOW
MASK 1	OFF / ON SET WINDOW
MASK 1	OFF / ON SET WINDOW
MASK 1	OFF / ON SET WINDOW
COLOR SET	BLACK / GRAY / COLOR 1 ~ 6

SETUP	
CAMERA ID	0 ~ 255
TITLE EDIT	↵
TITLE RESET	↓
TITLE POS.	TOP_L / TOP_R / BOT_L / BOT_R
DPC SET	OFF / ON
	WHITE THR. 0 ~ 255
	BLACK THR. 0 ~ 255
	DPC LEVEL 0 ~ 255
LANGUAGE	English, Chinese
PC CONT.	OFF / ON
EXIT	
EXIT	Exit the menu
SAVE&EXIT	Exit the menu and save the setting
FACTORY SET	Reset the menu setting to factory default

SPECIFICATION

Specifications			
Model	**B362DIR**		
Camera TYPE	**Color/BW**	**Ture Day/Night Digital Bullet IR Camera**	
Image	Device	1/3" Super HAD II CCD	
	Pixels-Total	811(H) x 508(V)	795(H) x 596(V)
	Pixels-Effective	768(H) x 494(V)	752(H) x 582(V)
Scanning	System	525 line, 2:1Interlace	625 line, 2:1Interlace
	Horizontal Frequency Internal Mode	15,734Hz(=NTSC)	15,625Hz(=PAL)
	Horizontal Frequency Line-Lock Mode	15,750Hz(=NTSC)	15,625Hz(=PAL)
	Vertical Frequency Internal Mode	59.94Hz(=NTSC)	50Hz(=PAL)
	Vertical Frequency Line-Lock Mode	60Hz(=NTSC)	50Hz(=PAL)
Min. Scene Illumination	IR-LED on	0.0 Lux	
OSD Controls	BLC	ON / OFF	
	Mirror	ON / OFF	
	SLC	ON / OFF	
	HME	ON / OFF	
	DRC	ON / OFF	
	Motion Detection	ON / OFF (Area / Sensitivity)	
	Privacy Zone	4 Programmable Zone / Size	
Lens	Focal Length	3.3 ~ 12mm (3.6x Optical)	
Resolution	Horizontal	520 TV Lines [at TDN (B/W) :560 TV Lines]	
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p(75 Load)	
S/N Ratio	S/N Ratio	50dB	
Environmental Conditions	Operating Temperature	-10℃ ~ +55℃(14°F ~ 131°F)	
	Humidity	Less then 90%	
Power	Power Requirement	12VDC / 24VAC	
	Power Consumption	DC12 [V] LED off : 1.7 [W]	
		DC12 [V] LED on : 4.1 [W]	
		AC24 [V] LED off : 2.2 [W]	
		AC24 [V] LED on : 4.1 [W]	
Physical Specification	Dimensions(H x L)	80.6 x 251.2mm	
	Nema Type	IP66	

WARRANTY INFORMATION

Digital Watchdog (referred to as "the Warrantor") warrants the Digital Camera against defects in materials or workmanship as follows:

LABOR: For the initial five (5) years and one (1) year on IR LED from the date of original purchase, if the Digital Camera is determined to be defective, the Warrantor will repair or replace the unit with new or refurbished product at its option at no charge.

PARTS: In addition, the Warrantor will supply replacement parts for the initial five (5) Years and one (1) year on IR LED.

To obtain warranty or out of warranty service, please contact a RMA department Representative at 1-866-446-3595 option #5 Monday through Friday from 9:00 AM to 5:00 PM Eastern or visit our website at www.Digital-Watchdog.com.

A purchase receipt or other proof of the original purchase date is required before warranty service is rendered. This warranty only covers failures due to defects in materials and workmanship which arise during normal use. This warranty does not cover damage which occurs in shipment or failures which are caused by products not supplied by the Warrantor or failures which result from accident, misuse, abuse, neglect, mishandling, misapplication, alteration, modification, faulty installation, set-up adjustments, improper antenna, inadequate signal pickup, maladjustment of consumer controls, improper operation, power line surge, improper voltage supply,

LIMITS AND EXCLUSIONS

There are no express warranties except as listed above. The Warrantor will not be liable for incidental or consequential damages (including without limitation or damage to recording media) resulting from the use of these products, or arising out of any breach of the warranty. All express and implied warranties, including the warranties of merchantability and fitness for particular purpose, are limited to the applicable warranty period set forth above.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

If the problem is not handled to your satisfaction, then write to the Address below.

Service calls which do not involve defective materials or workmanship as determined by the Warrantor, in its sole discretion, are not covered. Costs of such service calls are the responsibility of the purchaser.

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